

Title (en)  
WEB CUTTING AND/OR SEALING METHOD AND APPARATUS

Title (de)  
BAND -SCHNEID-UND/ODER-SCHWEISS VERFAHREN UND GERÄT

Title (fr)  
PROCEDE ET DISPOSITIF POUR DECOUPER/FERMER DES BANDES

Publication  
**EP 0958096 A1 19991124 (EN)**

Application  
**EP 97930665 A 19970710**

Priority

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Abstract (en)  
[origin: WO9802273A1] Laser cutting and/or sealing apparatus, particularly for webs of paper, comprises means for scanning a beam (2; 202) relative to a travelling web (4; 204) to define cuts and/or seals of predetermined shape (121; 121A) in the web. The scanning means includes first and second mirrors (18, 18A; 22, 22A; 206, 208) cyclically movable about mutually inclined axes (19, 19A; 23, 23A; 241, 222). There may be two such scanning means defining separate paths to the web and a switching disc (10) may direct the beam along each path in turn: in this way the beam may be used to cut and/or seal webs substantially continuously while still allowing cutting of discontinuous shapes. The apparatus may be used to cut out and/or seal packages from a web containing packages of tea or other infusible material.

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